

CONTENTS

Volume 6, Issue Nos. 1-4

THE JOURNAL OF VISUALIZATION AND COMPUTER ANIMATION

VOLUME 6, ISSUE No. 1	<i>January-March 1995</i>
Editorial	1
The Modelling of Large Waterfalls using String Texture: H. Mallinder	3
Order-controlled Free-form Animation: D. Bechmann and N. Dubreuil	11
Application Paper	
Applying Ray Casting to the Flow Visualization Data using Linear and B-spline Hyperpatch Interpolation: S. K. Semwal and P. G. Swann	33
Object-oriented Motion Abstraction: B. Erkan and B. Özgüç	49
Calendar of Events	67
 VOLUME 6, ISSUE No. 2	 <i>April-June 1995</i>
Editorial	69
Combining Physically-based Simulation of Colliding Objects with Trajectory Control: A. Lamouret, M.-P. Gascuel and J.-D. Gascuel	71
An L-Systems Approach to the Modelling of Fungal Growth: A. Tunbridge and H. Jones	91
An Integrated Approach to Motion and Sound: J. K. Hahn, J. Geigel, J. W. Lee, L. Gritz, T. Takala and S. Mishra	109
Calendar of Events	125

Indexed or abstracted by Cambridge Scientific Abstracts, Compuscience Database,
Geographical Abstracts; Physical Geography, GEOBASE and INSPEC

VOLUME 6, ISSUE No. 3

July–September 1995

Editorial	127
Genetic Programming for Articulated Figure Motion: L. Gritz and J. K. Hahn .	129
N-body Spacetime Constraints: D. Tang, J. T. Ngo and J. Marks	143
Visual Simulation of Water Currents using a Particle-based Behavioural Model: N. Chiba, S. Sanakanishi, K. Yokoyama, I. Ootawara, K. Muraoka and N. Saito.	155
Visualization of Connectivity in Octree Based Models: L. L. Fedenczuk and B. Wyvill	173
Calendar of Events	191

VOLUME 6, ISSUE No. 4

October–December 1995

Special Issue: Selected Papers from Pacific Graphics '94
Guest Editor: Zeshang Tang

Editorial	193
A Dynamic Wrinkle Model in Facial Animation and Skin Ageing: Y. Wu, N. Magenat Thalmann and D. Thalmann	195
Subvolume Projection: A Full Exploitation of Function Coherence for Volume Rendering: Y. Zhou and Z. Tang.	207
A Radiosity Solution for Random Fractal Surfaces: E.-H. Wu	219
Modelling Radiative Properties of Light Sources and Surfaces: J. C. Paul, P. M. Deville and C. Winkler.	231
Calendar of Events	241
Author Index.	243
Key Word Index	244

